Supplementary

Announcement

COOPER MEDICAL COLLEGE

San Francisco

1894

An unusual demand having exhausted the edition of the Announcement for 1894, this supplement, containing its essential features, is published to supply the deficit until the publication of the Annual Announcement in January.

CALENDAR FOR 1894.

June 1st, Friday, Long Term begins.
July 4th, Wednesday, Holiday.
September 3rd, Monday, Summer Recess begins.
September 17th, Monday, Summer Recess ends.
November 23rd, Friday, Lectures end.
November 24th, Saturday, Examinations begin.
November 29th, Thursday, Thanksgiving Day.
December 6th, Thursday, Commencement Exercises.

WELLCOME LIBRARY
pam
W 18
1894
C77s

22501435186

FACULTY.

L. C. LANE, A. M., M. D., M. R. C. S. ENG., LL. D., *Professor of Surgery and President of the College.* - - 652 Mission St.
C. N. ELLINWOOD, M. D., *Professor of Physiology.* - 715 Clay St.
ADOLPH BARKAN, M. D., *Professor of Ophthalmology, Laryngology and Otology.* - - - - - - - - 14 Grant Ave.
JOS. H. WYTHE, M. D., LL. D., F. R. M. S., *Professor of Microscopy and Histology.* - - - - - - 825 14th St., Oakland.
HENRY GIBBONS, JR., A. M., M. D., *Professor of Obstetrics and Diseases of Women and Children.* - - - 920 Polk St.
JOS. O. HIRSCHFELDER, M. D., *Professor of Clinical Medicine.* - - - - - - - - - - - - 433 Geary St.
CLINTON CUSHING, M. D., *Professor of Gynecology.* - 636 Sutter St.
W. D. JOHNSTON, M. D., *Professor of Chemistry and Toxicology.* - - - - - - - - - - - - 24 Fourth St.
R. H. PLUMMER, A. M., M. D., M. R. C. S. ENG., *Professor of Anatomy.* - - - - - - - - - - 652 Mission St.
CHAS. H. STEELE, A. M., M. D., *Professor of Materia Medica and Therapeutics.* - - - - - - - - 2322 Mission St.
C. N. ELLINWOOD, M. D., *Acting Professor of Clinical Surgery.* - - - - - - - - - - - - 715 Clay St.
ALBERT ABRAMS, M. D., *Professor of Pathology.* - 435 Geary St.
H. E. SANDERSON, PH. B., M. D., *Professor of the Principles and Practice of Medicine.* - - - - - - - 21 Powell St.

A. M. GARDNER, M. D., *Lecturer on Insanity and Medical Jurisprudence.* - Superintendent Insane Asylum, Napa, California.
CHAS. E. FARNUM, M. D., *Adjunct to the Chair of Anatomy and Demonstrator of Anatomy.* - - - - - 703 Market St.
G. F. HANSON, PH. G., M. D., *Adjunct to the Chair of Materia Medica and Therapeutics.* - - - - - - - 761 Valencia St.
WM. FITCH CHENEY, B. L., M. D., *Adjunct to the Chair of Obstetrics and Diseases of Women and Children.* - - 906 Polk St.
A. W. HOISHOLT, M. D., *Adjunct to the Chair of Physiology.* - - - - - - - - - - - - Stockton, Cal.
CHAS. M. FISHER, M. D., *Adjunct to the Chair of Microscopy and Histology.* - - - - - 7th and Market Sts., Oakland.
STANLEY STILLMAN, M. D., *Adjunct to the Chair of Surgery.* - - - - - - - - - - - - 229 Geary St.
EMMET RIXFORD, B. S., M. D., *Adjunct to the Chair of Surgery.* - - - - - - - - - - - - 313 Ellis St.
D. F. RAGAN, M. D., *Assistant at the Neurological Clinic.* - - - - - - - - - - - - 997 Market St.
R. L. RIGDON, M. D., *Assistant at the Genito-Urinary Clinic.* - - - - - - - - - - 9 Nucleus Building.
W. M. SWETT, A. B., M. D., *Assistant at the Eye and Ear Clinic.* - - - - - - - - - - - - 14 Grant Ave.

HENRY GIBBONS, JR., A. M., M. D., *Dean.*
WM. FITCH CHENEY, B. L., M. D., *Secretary.*

B. F. HICKOX, *Janitor.*

☞ Address all communications to the Secretary at the College.

COOPER MEDICAL COLLEGE.

The handsome and commodious buildings of the College cover half a block on Webster street, between Sacramento and Clay streets. They contain lecture halls, amphitheaters, laboratories, clinic rooms, dissecting rooms, etc., and the various apparatus and appliances for the most satisfactory instruction in medicine. The Hospital, to accommodate one hundred patients, is just completed, and will soon be opened for use.

CURRICULUM.

Each year is divided into two terms: a long or summer term, which is the *regular course*, begins June 1st and continues six months; and a short or winter term, beginning February 1st, and continuing three months.

REQUIREMENTS FOR ADMISSION.

All applicants for admission must give satisfactory evidence of good moral character, and possess the qualifications hereinafter specified:

A diploma or certificate of graduation from some recognized* literary or scientific college; from some recognized medical, pharmaceutical or dental school; or from a recognized high or normal school; or a certificate of having passed examination for admission to any recognized literary college or university; or a first grade diploma or certificate from any recognized public school board, provided that these qualifications are shown to be equivalent to the requirements of this College for its matriculating examination. Those not possessing any of the foregoing qualifications will be required to pass a matriculating examination in the following subjects:

1. English, including grammar and composition.
2. Universal history.
3. Descriptive geography.
4. Arithmetic, including common and decimal fractions.
5. Elementary physics.
6. Latin, including grammar and translations.

[Students who fail in this latter requirement will be accepted conditionally upon qualifying themselves by the beginning of the ensuing term. A Latin Course is provided at the College.]

*The word "recognized" wherever used in this announcement signifies recognized by the Faculty of Cooper Medical College.

7. One of the following optional subjects, viz: (*a*) Greek; first chapter of St. John's Gospel. (*b*) French; first chapter of Télémaque. (*c*) German; Adler's Reader, first part. (*d*) Logic. (*e*) Botany. (*f*) Zoölogy. (*g*) Elementary Chemistry.

☞ Those intending to present themselves for examination are advised to review their studies before so doing and thus save themselves the humiliation of possible failure.

SPECIAL PRELIMINARY EXAMINATION.

Students intending to finish their education in Great Britain, and to obtain a British degree or other qualification in medicine or surgery, should apply to the Dean of this College in writing, on or before entering the College, for the *Special Preliminary Examination in Arts*, required by the regulations of the General Council of Medical Education and Registration of the United Kingdom. For those who have passed this examination, *before attending their first course of lectures*, the diploma and tickets of this College are recognized by the Royal College of Surgeons of England, the Medical Faculty of the University of Glasgow, and presumably by the other seventeen Examining Boards in Great Britain and Ireland. This examination is not required of those who are graduates in Arts of a University recognized for that purpose in England.

The fee for this examination is $15, to be paid when the application is handed in. The subjects of the examination are as follows:

(1) English Language, including grammar and composition. (2) Arithmetic, including common and decimal fractions. (3) Algebra, including simple equations. (4) Geometry, the first book of Euclid. (5) Latin Language, including grammar and translations from Cæsar, De Bello Gallico, books 1 and 2; or Virgil, Æneid, book 1. (6) Elementary mechanics of solids and fluids, comprising the elements of statics, dynamics, and hydrostatics. (7) One of the following optional subjects, viz: (*a*) Greek Language, first chapter of St. John's Gospel. (*b*) French Language, first chapter of Télémaque. (*c*) German Language, Adler's Reader, first part. (*d*) Logic. (*e*) Botany. (*f*) Zoölogy. (*g*) Elementary Chemistry. (8) Physics, Peck's Ganot, to include Mechanics, Statics, Dynamics and Hydrostatics and Pneumatics.

The recognition specified in the preceding paragraphs is the full extent accorded by the educational bodies named, to any medical college in the United States.

ATTENDANCE.

To complete the College curriculum attendance upon four calendar years of medical instruction will be required after January 1st, 1894, of which the last three years must be in College; and final year (including the short and long term) in *this* College. The first year must be passed as specified in one of the following requirements:

A. In attendance on the curriculum of a recognized Medical College.

B. In a recognized University, College, high or normal school, graduation from which must be shown by the diploma thereof, accompanied by evidence that the curriculum pursued includes the subjects required in the subjoined schedule for the first year. (See page 7.)

C. In one year's pupilage with a physician whose standing and facilities for imparting instruction are acceptable to this Faculty. Such instruction must be certified to by the preceptor upon the form furnished by this College.

D. In private study,—in which case the candidate shall pass an examination before the Faculty in the subjects required by the schedule of the first year.

☞ A candidate presenting a diploma or certificate under any of the foregoing requirements which does not conform to the schedule for the first year of study, shall pass examination upon the omitted subject or subjects.

Evidence of attendance upon one or more regular terms of lectures in other recognized medical Colleges will be accepted as equivalent to attendance at this College for a like period, provided the student present evidence of having passed examinations equivalent to those required at this College; or, failing to present such evidence, that he pass such examination before this Faculty.

Graduates in good standing from recognized medical colleges will be required to attend one regular term only, provided they furnish evidence that their previous attendance has been equivalent to that of the senior class in this College.

Graduates in good standing from recognized pharmaceutical or dental colleges will be credited with two years on the college curriculum, *provided* they have conformed to the preceding requirements for the first year's study, otherwise they will be credited with one year only.

SCHEDULE OF STUDIES.

FIRST YEAR.

1. Anatomy; bones, ligaments and joints. 2. Physiology. (Schofield's Elementary.) 3. Chemistry, Principles of. (Witthaus' Essentials.) 4. One of the following optional subjects: (*a*) Pharmacy. (Part II of Potter's Materia Medica, Pharmacy and Therapeutics.) (*b*) Botany. (Rattan.) (*c*) Biology. (Schofield's Elementary Physiology.) (*d*) Histology. (Schofield's Elementary Physiology.) (*e*) Bacteriology. (Ball.)

☞ This schedule shall apply only to students who claim credit under subdivisions B., C. or D. of the section headed "Attendance."

SECOND YEAR.

1. Descriptive Anatomy, Dissections, Anatomical Demonstrations. 2. Physiology. 3. Chemistry, with Laboratory Work. 4. Materia Medica and Pharmacy. 5. Microscopy and Histology, with Laboratory Work. 6. General Pathology. 7. Practice of Medicine and Physical Diagnosis. 8. Principles of Surgery and Bandaging. 9. Pelvic Anatomy.

THIRD YEAR.

1. Descriptive and Surgical Anatomy, Dissections and Demonstrations. 2. Physiology, with Laboratory Demonstrations. 3. Microscopy and Histology. 4. Pathological Histology. [Laboratory.] 5. Special Pathology. 6. Practice of Medicine. 7. Principles of Surgery. 8. Practical Therapeutics. 9. Obstetrics and Diseases of Children. 10. Gynecology. 11. Medical Jurisprudence. 12. Hygiene. 13. Clinical Medicine, City and County Hospital. 14. Clinical Surgery, City and County Hospital.

SHORT (WINTER) TERM.

1. Dissections and Demonstrations. 2. Practical Histology. 3. Practical Clinical Pathology. 4. Surgery, Operative. 5. Practice of Medicine. 6. Puerperal Diseases. 7. Electro-Therapeutics. 8. Genito-Urinary Diseases. 9. Diseases of the Mind. 10. Orthopedic Surgery. 11. Embryology. 12. General and Special Clinics of the College and the City and County Hospital.

FOURTH YEAR.

1. Practical Pathology, including Bacteriology. 2. Practice of Medicine. 3. Principles of Surgery. 4. Practical Therapeutics. 5. Obstetrics, with Manikin Demonstrations. 6. Diseases of Children. 7. Diseases of Eye, Ear and Throat. 8. All Clinics, General and Special.

EXAMINATIONS.

Written examinations are held at the close of each term upon the subjects named in the schedule of studies.

Students failing in such examinations will be required to undergo re-examination at the beginning of the succeeding regular term. Students must not absent themselves from the regular examinations without the consent in writing of the President of the College.

TEXT-BOOKS AND WORKS OF REFERENCE.

The following list of books is given, from which the student may select. The first named are, in general, accorded the preference.

ANATOMY—Gray, Morris, Holden.

SURGERY—American Text-Book of Surgery, Keen and White; Treatise on Surgery, Mansell Moulin.

SURGICAL PATHOLOGY—Billroth.

PRINCIPLES AND PRACTICE OF MEDICINE—Strümpell, Osler, Flint.

FOR REFERENCE—Quain's Dictionary of Medicine, Fowler's Dictionary of Medicine.

Clinical Medicine and Diagnosis—Finlayson, Da Costa, Abrams.

Physiology—Landois.

Chemistry—Witthaus' Students' Manual.

Toxicology—Wormley.

Microscopy—Wythe, Beale, Klein.

Obstetrics—Lusk, Playfair, Barnes, Winckel.

Diseases of Women—Thomas, Emmet.

Diseases of Children—J. Lewis Smith, Eustace Smith.

Materia Medica and Therapeutics—H. C. Wood, Hare.

Ophthalmology—Swanzy, Juler, de Schweinitz.

Otology—Roosa, Hartmann.

Laryngology—Schech, Seiler.

Diseases of the Skin—Tilbury Fox, Duhring.

Pathology—Wagner, Rindfleish.

Medical Electricity—Erb, Stewart, Lawrence.

Pharmacy—Sayre's Essentials.

Miscellaneous—Thomas' Medical Dictionary, Gould's Medical Dictionary, Van Buren & Keyes, Otis on Venereal Diseases, Woodman & Tidy's or Taylor's Medical Jurisprudence, Legg's Urinary Analysis, Pepper's System of Medicine.

FEES.

The fees for the four years of instruction are as follows:

FIRST YEAR.

Matriculation	$ 5
Demonstrator's Ticket	10
Regular Course of Lectures	130
Total	$145

These fees are to be paid at the beginning of the term on entering the College.

A charge of $25 is made for the Short Course, which sum, however, will be placed to the credit of such students as attend the succeeding Regular Course. Hence there will be no addition to the fees, but simply a change in their time of payment.

SECOND YEAR.

Regular Course of Lectures $130

This fee is also to be paid *at the beginning of the term.*

THIRD YEAR.

Regular Course of Lectures $130

To be paid at the beginning of the term.

FOURTH YEAR.

Graduation Fee $40

This is to be paid October 1st, but will be refunded in case the candidate fails to pass the final examinations.

Students admitted to the fourth year in consideration of previous medical study elsewhere, must pay also the Matriculation fee, the Demonstrator's fee and the fee for the regular course of lectures.

The lectures in the fourth year are free to such as have paid for three full courses in this College, or in this and other colleges.

REQUIREMENTS FOR GRADUATION.

1. The candidate must be of good moral character, and at least twenty-one years of age.

2. He must have attended three Regular Courses of Medical Lectures (and, after 1893, have studied medicine four years,) the last of which, at least, must have been delivered in this institution; also two courses of clinical instruction, and the short term of his last year.

3. He must have attended at least two Courses of Practical Anatomy in the Dissecting-room, and present evidence of having dissected at least one entire subject (five parts).

4. He must write a medical Thesis, and submit the same to the Faculty, on or before the 1st of October. It is recommended that the thesis shall be based upon cases actually

observed and studied by the student at the College and Hospital Clinics. A committee, consisting of Professors Lane, Gibbons and Steele, has been appointed to direct the preparation of the thesis.

5. He must have passed successfully the examinations required by the Faculty, and have paid all fees due the College.

Graduates from recognized medical colleges, desiring to take the degree of Cooper College also, are required to present satisfactory testimonials of good character and professional standing; to adduce satisfactory evidence that their previous attendance upon lectures and clinics has been equivalent to that required of the Senior class of this College; to attend the lectures and clinics of the Senior class; to pass examinations in all branches, and to pay the regular fees.

BOARDING.

Students can obtain good rooms and board at prices varying from five to ten dollars per week.

Further information can be obtained by applying in person or by letter, to the Dean, Henry Gibbons, Jr., M. D., or to the Secretary, Wm. Fitch Cheney, M. D., at the College.